ABSTRACT

The described invention is directed to a system and related method for updating software in multiple remote communication devices where those communication devices are accessible only by relatively low bandwidth communication buses, which buses make the individual transfer of each software image prohibitive. The disclosed invention further envisions shrinking the size of the image to be transferred by Huffman encoding that image on the initiating end and decoding that Huffman encoded image on the receiving end using a frequency table for Huffman encoding that was previously established. In this way, the transferred image need not include the frequency table, thus making the overall transfer smaller.

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